

CLAIMS

1. Circular formwork with at least one formwork element (1), which has a formwork shell (4) with an adjustable curvature and which has reinforcements and/or at least one support (5) supporting the formwork shell (4) and having a U-shaped, V-shaped, or trapezoidal cross section open towards the supported formwork shell (4) and fastening flanges (6) located on ends thereof facing the formwork shell (4) for connecting to a back side of the formwork shell (4), and a girder (7) engaged to the reinforcements and the support or supports (5) at a distance to the formwork shell (4), wherein an effective length of the girder (7) is adjustable for changing the curvature of the formwork shell (4), characterized in that there are intermediate pieces (9) located between the fastening flanges (6) of the support (5) and the formwork shell (4) and the fastening flanges (6) of the support (5) are fixed to the intermediate pieces so as to be pivotable or tiltable about a longitudinal direction thereof.
2. Circular formwork according to Claim 1, characterized in that the intermediate pieces (9) have threaded holes (10), in which fastening screws (11) or fastening bolts passing through the flanges (6) of the support (5) can be screwed in and/or fastening bolts, which pass through fastening holes in the flanges of the support, are arranged on or fixed to the intermediate pieces.
3. Circular formwork according to Claim 1 or 2, characterized in that the intermediate pieces (9) each have several threaded holes (10) arranged in a row for the flange (6) of the support (5) and/or fastening bolts for several fastening holes provided in a common flange.
4. Circular formwork according to one of Claims 1 to 3, characterized in that the intermediate pieces (9) are formed with a bar shape and extend over at least a part of a longitudinal extent of the corresponding flange of the support.

5. Circular formwork according to one of Claims 1 to 4, characterized in that the intermediate pieces (9) are each generally as long as the support (5) and/or the flange (6) thereof.

6. Circular formwork according to one of Claims 1 to 5, characterized in that the formwork shell (4) is made from metal, iron, and/or steel or from wood or plastic.

7. Circular formwork according to one of Claims 1 to 6, characterized in that the intermediate pieces (9) are connected or welded - for a formwork shell made from metal, iron, or steel, likewise comprising metal, iron, or steel - to the back side of the formwork shell (4).

8. Circular formwork according to one of Claims 1 to 7, characterized in that a side of the intermediate piece (9) facing the flange (6) has a convexly curved cross section or is inclined with a bevel on both sides of the fastening points and/or a bottom side of the flange (6) of the support (5) is curved convexly or is provided with slopes (61) receding outwards from a middle region relative to the intermediate piece (9).

9. Circular formwork according to one of Claims 1 to 8, characterized in that a projection, screw head, nut, and/or intermediate part (12) located between the screw head (11a) or nut and the flange (6) contacting the flange (6) on a side facing away from the formwork shell (4) has a cross section receding outwards from a middle region thereof on a side facing the flange (6), for example, it is rounded or beveled.

10. Circular formwork according to one of Claims 1 to 9, characterized in that the intermediate pieces (9) formed especially as bars are formed symmetric to a longitudinal center thereof.

11. Circular formwork according to one of Claims 1 to 10, characterized in that the bar-shaped intermediate pieces (9) have an approximately rectangular cross section, wherein a side of the rectangle facing the flange of the support (5) is curved convexly and/or beveled or has a sector or semicircular shape on both sides going out from a middle region and a flattened or flat region of the cross section contacts the outer side of the formwork shell (4).